

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number  
**WO 2004/022501 A2**

(51) International Patent Classification<sup>7</sup>:

C04B

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/KR2003/001812

(22) International Filing Date:

4 September 2003 (04.09.2003)

(25) Filing Language:

Korean

(26) Publication Language:

English

(30) Priority Data:

10-2002-0053534

5 September 2002 (05.09.2002) KR

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CL, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: KWAK, Sang-Woon [KR/KR]; 1017, Woosungcharter199, Dogok-dong 467-24, Gangnam-ku, Seoul 135-270 (KR).  
100 KRX

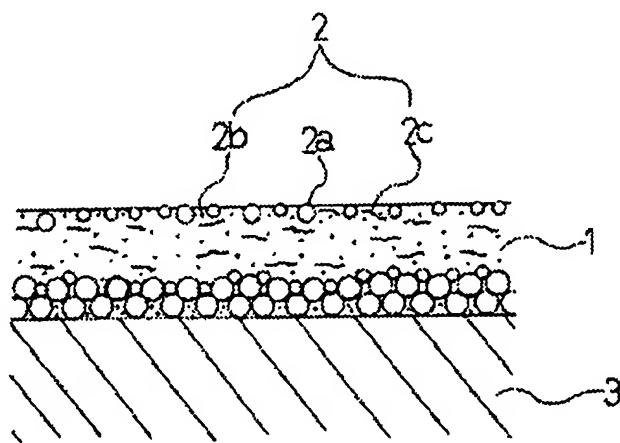
Published:

— without international search report and to be republished upon receipt of that report

(74) Agent: WON, Young-Ho; 205, Ilanjoo Bldg., Yeoksam-dong, Gangnam-ku, Seoul 135-080 (KR).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RESIN MORTAR COMPOSITION FOR CONSTRUCTION AND FLOOR OPERATING METHOD USING THE SAME



(57) Abstract: The present invention relates to a resin mortar composition, which has excellent flowing property, storage property, excellent self-leveling property when constructed, and excellent abrasion resistance, surface scratch resistance, crack resistance and durability after construction, which can be easily constructed and easily control curing time, and is economical. According to the present invention, there are provided a resin mortar composition for construction, which comprises, on the basis of solid content, a) 100 parts by weight of room temperature curable organic liquid phase resin; b) 10 to 200 parts by weight of glass bead, c) 10 to 400 parts by weight of glass powder, and d) 0.1 to 50 parts by weight of glass fiber, and a method for constructing a floor that has beautiful surface and does not show crack using the same.

WO 2004/022501 A2